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EPA Region 5 Records Ctr.



313503

To: Brian Kelly/R5/USEPA/US@EPA

cc:

Subject: Water Quality Standards for Ammonia



Text.htm Brian,

Water Quality Standards for ammonia are found in Ohio Administrative Code Section 3745-1-07. <http://www.epa.state.oh.us/dsw/rules/01-07.pdf> The standards are based on water use designation, temperature and pH. Warrington Ditch has a default use designation of warm water habitat therefore, Tables 7-2 and Table 7-5 are applicable. Typical pH and temperatures for streams in this area are as follows:

	pH	Temp
Summer	7.6 S.U.	23 C
Winter	7.6 S.U.	10 C

Thus a wasteload allocation would need to be done for the STR facility based on the following criteria:

	Maximum	Average
Summer	13 mg/l	6.6 mg/l
Winter	13 mg/l	1.8 mg/l

Please let me know, if you have any questions.

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